

Washington State Department of Health Office of Shellfish and Water Protection

Annual Growing Area Review

PREPARED BY: Clyde Bill
AREA: Peale Passage
YEAR ENDING: December 31, 2011
CLASSIFICATION: Approved

Activities in the Growing Area in 2011

Peale Passage was sampled six times using the Systematic Random Sampling method.

Analytical Results of Water Samples

Table 1 summarizes the results of the 30 most recent samples collected from Peale Passage. This summary shows that all stations from this growing area pass NSSP water quality standards.

Change in Actual Pollution Sources that Impact the Growing Area

We currently have no information indicating that the Peale Passage growing area has new sources of pollution.

Classification Status

- Well within the classification standards
- Meets standards, but some concerns
- Meets standards, but threatened with downgrade in classification
- Fails to meet current classification standards

Remarks and Recommendations

Table 1 show that all stations in the Peale Passage growing area pass NSSP water quality standards for an Approved growing area and that the area is correctly classified.

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **PEALE PASSAGE**

Classification: **Approved**

From **11/07/2006** To **12/20/2011**

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
78	Approved	31	1.7 - 33.0	2.0	4.0	Yes
79	Approved	31	1.7 - 23.0	2.0	4.0	Yes
80	Approved	30	1.7 - 49.0	2.1	4.0	Yes
81	Approved	31	1.7 - 33.0	2.3	5.0	Yes
82	Approved	31	1.7 - 79.0	2.1	6.0	Yes
83	Approved	31	1.7 - 49.0	2.2	5.0	Yes
84	Approved	31	1.7 - 79.0	2.7	8.0	Yes
85	Approved	31	1.7 - 130.0	2.3	6.0	Yes
86	Approved	31	1.7 - 49.0	2.1	4.0	Yes
87	Approved	31	1.7 - 49.0	2.2	5.0	Yes
88	Approved	31	1.7 - 13.0	2.1	4.0	Yes
744	Approved	22	1.7 - 13.0	2.3	4.0	*N/A

All tides information is presented

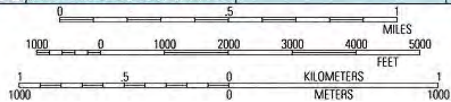
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

* N/A - SRS criteria require a minimum of 30 samples from each station. *

† All samples have been verified.



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12/30/09